NAVPGSCOL INSTRUCTION 3300.1D

Subj: MANAGEMENT OF WARGAMING AT THE NAVAL POSTGRADUATE
       SCHOOL

Ref: (a) SECNAVINST 1524.2A
       (b) NAVPGSCOLINST 5510.2C
       (c) SECNAVINST 5510.36
       (d) Lab Plan dated 22 Oct 02

1. Purpose. To establish the organization for management and
support of the wargaming facilities and personnel at the Naval
Postgraduate School (NPS). The wargaming facilities and
personnel provide resources to enhance the combat effectiveness
of all U.S. Forces and our allies via the educational and
research mission of NPS as described in reference (a).

2. Cancellation. NAVPGSCOLINST 3300.1C. This instruction has
been completely revised and should be read in its entirety.

3. Background.

    a. Facilities. The existing Warfare Analysis and Research
Lab (WARLAB) and its facilities and equipment are located in
Ingersoll Hall, Room 157. The Systems Technology Battle Lab
(STBL) and its facilities and equipment are located in Root
Hall. The Unclassified Warfare Analysis and Research Lab
(UWARLAB) is located in Glasgow 128. The STBL and the WARLAB
are both to be consolidated in the basement of Glasgow Hall in
2003. See Appendix A for consolidated WARLAB plan.

    b. Configurations. Current software run on the machines in
the different labs include Joint Theater Level Simulation
(JTLS), Joint Conflict and Tactical Simulation (JCATS),
Distributed Dynamic Decision Making Software (DDD), MAGTF
Tactical Warfare Simulator (MTWS), Research Evaluation and
Systems Analysis (RESA), and Global Command and Control System
(GCCS), and Naval Simulation System (NSS).

    c. Training. Personnel assigned to maintain the WARLAB
facilities are under the supervision of the Information
Technology and Communications Services (ITACS) group. Training

requirements to support a particular model must be borne by the department using the model for class or sponsor using the model for research.

4. <u>Discussion</u>. The primary purpose of the WARLAB facilities is to provide a wargaming and computing facility in support of the educational mission of NPS. These WARLAB facilities support this mission via coursework, thesis research, tactical analysis, operational logistics support evaluation, decision aids/support, and Battle Force architecture and engineering. The coursework supported includes courses such as Introduction to C2 Systems (CC3000) and (CC3001), Combat Analysis for Command and Control (CC3102), C^4I System Evaluation (CC4103), Joint Campaign Analysis (OA4602), Wargaming Analysis (OA4604), Introduction to Joint Combat Modeling (OA4655), Advanced Combat Modeling (OA4656), Man-Machine Interaction (OS3404), and Simulation and Wargaming Analysis (OS3603). These facilities enhance an officer's ability to understand both Joint and Combined strategic, operational, and tactical analysis. A secondary purpose of the facilities is to support operational commands with Wargaming resources and expertise when requested to do so.

5. <u>Responsibilities</u>. The organization for the management and support of Wargaming is as follows:

    a. <u>The Dean of The Graduate School of Operations and Information Sciences</u> (GSOIS) is the cognizant official at NPS for Wargaming facilities and support. As such, the Dean is designated the resource manager, responsible for establishing a budget and ensuring the efficient and effective operation of the facilities.

    b. <u>The Wargaming Policy Advisory Committee</u> (WPAC) serves as the advisory body to the Dean of GSOIS on all matters of policy and direction. They further assist the dean in providing recommendations on carrying out all the responsibilities associated with budgets and ensuring the efficient and effective operation of the facilities. Members of the WPAC shall be appointed by the Dean of GSOIS and will consist of a chair and representatives from the following departments and academic groups:

        (1) Defense Analysis Department

(2) Information Sciences Department

(3) Cebrowski Institute for Information Innovation and Superiority (CINFINIS)

(4) MOVES Institute

(5) Naval War College

(6) National Security Affairs Department

(7) Operations Research Department

(8) Systems Engineering Department

(9) Director of the STBL

c.   The WPAC Chair, appointed by the Dean, will serve a term of two years upon which time there will be a review and, if necessary, a new Chair will be appointed. The Chair will serve as the Dean's executive agent for management of Wargaming facilities.

d.   The Director of Wargaming is responsible for implementation of Wargaming at NPS, consistent with the direction of the WPAC and the WPAC Chair. The Director of Wargaming will be nominated by the WPAC Chair and appointed by the Dean of GSOIS with the advice of the WPAC. The Director will serve a two year term upon which time there will be a review and, if necessary, a new Director of Wargaming will be appointed.

6.   Security of Wargaming Facilities.

a.   All classified material will be handled in accordance with references (c) and (d).

b.   Access to the STBL and classified Wargaming facilities for all students and staff will be based on a current SECRET access. Validation of security clearance will be done by the Security Manager's Office.

c.   Instruction in secure Wargaming facilities will be restricted to appropriately cleared U.S. students only. Exceptions to this must be coordinated through the Director the STBL and the Security Manager.

d.   There will be no classified work done in the UWARLAB. All materials and data files, including terrain data files, must be carefully screened to ensure compliance.

7.   <u>Training of ITACS Staff</u>.

a.   The Director of Wargaming will also sit in on the NPS Lab funds allocation meetings and will be a member of that committee. Funding for lab equipment will be processed through the normal Lab funds allocation meetings. Priorities for funding of Wargaming facilities will reside with the Chair of each Department, consistent with their requirements for instruction and research. Reference (d) germane.

b.   Responsibility for funding of training for ITACS staff in support of the various hardware and software configurations will be shared by the departments having the requirements for those configurations.

c.   Training requirements to support the various configurations, including dates of training and costs associated with it, will be established by ITACS staff and forwarded to the WPAC chair annually. Justification for training will be provided.

d.   Departmental responsibility for funding will be as directed by the Dean of GSOIS based on input from ITACS staff, WPAC, WPAC Chair, Director of Wargaming and departmental requirements.

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